

18 April 1957

Intelligence Information Staff, ORR
Attention: [REDACTED] 25X1A9a
THRU : Chief, Industrial Division, ORR
Acting Chief, Aircraft Branch, D/I
25X1X7
I/AR Requirement Against [REDACTED]

REFERENCE: [REDACTED] 25X1A2g

1. Source indicates that he has a knowledge of aircraft production at Moscow Plant No. 30.

2. The following is designed to determine the scope and character of this production.

a. General Description:

1) What was the general impression given by the plant; i.e., clean, modern, busy workmen, efficient, safety guards, lighting, etc.?

2) Give estimates of sizes of various buildings and plant areas visited; i.e., final assembly area, machine shop, etc.?

b. Aircraft Produced:

1) Source mentions "IL-11" aircraft. Is Source certain of this designation? What is its general description? What are its major dimensions; i.e., length, height, wing span?

2) Has the IL-28 bomber been produced at this plant? What other types have been produced here?

3) Has the IL-14 been produced in Plant No. 30? If so, was it produced entirely within the plant or were IL-12 aircraft merely converted?

4) Were any especially large forgings or extrusions seen?

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5) Was any mention made of the use of special high-strength aluminum alloy, titanium, or stainless steel? In what part of structure were these alloys used?

6) Is Source familiar with type of aircraft produced at Moscow Airframe Plant No. 381, or at any other Soviet airframe plant?

c. Output, Production Rates, Flow Times:

1) Was there any mention of the number of aircraft produced per month?

2) How many aircraft have been built at the plant?

3) Was there any mention of, or clue to, the amount of structure produced outside the plant?

4) Is Source familiar with the use and application of the learning, progress, or experience curve; i.e., man-hours per unit produced decline in a fairly predictable manner as cumulative production increases? Was this curve applied in Plant No. 30. If so, at what rate curves?

5) Is Source familiar with text, Standard Accessories for Assembling Aircraft Units, by V. V. Boystov? Was the retooling method discussed by the text applied in Plant No. 30?

6) Is Source familiar with any other handbooks which would be of value in the study of Soviet production methods?

d. Costing:

1) Is Source aware of production cost of the airframes produced at Plant No. 30? If so, does he know the costs of the specific units; i.e., the first airframe produced, the second, hundredth, etc.?

2) Is Source familiar with the use of the cost curve?

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3) Is Source familiar with the absolute or relative value of units, such as engines, armament, etc., used on the aircraft, which are produced outside the plant?

e. Miscellaneous:

1) What were the specific jobs or functions of sections 55 and 56 in which the Source worked?

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